Application No: 10/667,722 PATENT

In the Abstract:

Please amend the Abstract as follows:

One embodiment of the disclosures made herein is a method for facilitating protection switching via failure prediction techniques. In accordance with such a method at least one embodiment of the disclosures made herein, an operation for monitoring a failure prediction parameter of at least one of the plurality of protected system elements is performed. During monitoring, an operation is performed for correlating a present state of the failure prediction parameter to a failure prediction criterion for determining whether one of the protected system elements has been met a failure prediction condition is performed, thus identifying a failure predicted one of a plurality of protected system elements when the a failure prediction condition is met. An operation is performed for determining-whether a protection switching priority among a collection of failure predicted system elements applies to the failure predicted one of the protected system elements. In response to determining protection switching priority as applying to the failure predicted one of the protected system elements or the failure predicted one being the only failure predicted system element, an operation is performed for downloading service information of the failure predicted one of the protected system elements to the protection system element is performed. An operation is next performed for confirming failure Failure of the failure predicted one of the protected system elements is confirmed. Then, an operation is performed for switching Switching communication service supported by the failure predicted one of the protected system elements for being supported by to the protection system element is performed.